

Use the understanding you gained from creating the concept map to answer the questions.

1. Modern theory suggests that the early (pre-life) atmosphere on Earth was a reducing one. Why (for what reasons) is it believed that oxygen was not present when life formed on Earth?

2. What proposed energy sources existed on this early (pre-life) Earth?

3. In the 1950s, Stanley Miller performed a set of experiments to determine whether life could have evolved given the conditions stated in the answers to questions 1 and 2.

a. How was the experiment designed?

b. What were the necessary controls?

Course/Section \_\_\_\_\_

- ### Activity 25.1